

MD iMAP Technical Committee Meeting Minutes for May 2020

Place: On-Line Only Attendance due to COVID19 Social Distancing

Date: 05/05/2020; Time: 1:00PM – 2:00PM

Phone Attendees: Julia Fischer (DoIT); Kevin Coyne (DNR); John Lesko (DoIT); Lisa Lowe (DoIT), Conrad Schaefer (DoIT), Susan Hmel (DoIT), Matthew Viverito (ESRI), Kim Cloud (DE), Jason Ramsey (JMT), Darren Lloyd (DoIT), Bill Fearrington (DHS), Frank Siano (MDE), Gary Maragos (MDP), Leah Visakowitz (McCormick Taylor), Rowland Agbede (MDA), Scott Hansen (MDP).

Agenda

Introductions

Maryland Enterprise Software & MD iMAP 3.0 Update – John Lesko

- J. Lesko announced that Dawn Blanchard had joined DoIT as a Program Manager;
- GIO team created and continues to support a COVID-19 ArcGIS Hub site to provide support to MDH during response. (visit <https://coronavirus.maryland.gov>) Your feedback is welcome.
- GIO team has been working with MDH, MEMA SEOC and GIS Desk for Map and dashboard updates related to COVID Cases reported for the counties. MEMA has been responsible for updating daily number on the ArcGIS Dashboard, This past month, data analytics related to COVID-19 include total cases by zip code, age, race and gender, confirmed and probable deaths and Nursing and Care Facilities staff and resident statistics. GIO continues to receive requests for more data and data analytics. Data components continue to evolve and updated data and statistics are added daily.
- GIO works diligently to provide all Marylanders with access to data including those with disabilities. MDH and GIO work in conjunction to provide clear, concise information in a method that conforms with the Federal and State American with Disabilities (ADA) requirements. To ensure compliance with ADA guidelines, all COVID-19 statistics presented in dynamic dashboards are also re-rendered in plain text using an automated process. This process reads the data source powering the dynamic dashboards, and then generates plain text HTML with the same statistics. We've also taken steps to maximize the effectiveness of screenreaders on the website by optimizing the overall page structure, e.g. the hierarchy of titles, alternative descriptions for images and videos, tabbing order, and HTML versions of State PDFs.
- MDH, MEMA and the Governor's Office remain strong partners and allies in the progress to get more data and more features published onto the site.
- The GIO team has implemented a 24 hour, 7 days a week schedule for the COVID-19 hub site support. GIO team members monitor the site and report and resolve issues in a timely manner. Using products such as Visual Ping and Pager Duty, the site is under constant surveillance.
- The GIO team has worked with ESRI to help implement best practices. ESRI has expanded their infrastructure for increased traffic to provide stability to COVID-19 hub sites. Their infrastructure continues to support the peaks in user views and searches. Due to the daily updates, the Hub site is cloned twice daily and all tables are individually back-up to ensure rapid recovery should an issue occur with the site.
- The site was launched on Saturday March 14 and has been operating and updated daily for 53 days. The site is a work in progress and is responding to multiple requests to include and display additional data sets. Since the site was launched, the site has had more than 16 million views averaging 300,000+ views daily. The site experienced a peak of 640,000+ on March 30 and has had more than 4 million users with a daily average of 70,000+ users.
- GIO created a webpage named COVID CONNECT. (visit <https://health.maryland.gov/covidconnect/Pages/Home.aspx>) This secure portal is open to all Maryland residents who were confirmed to have tested positive for COVID-19 and who are now recovered from their disease. It will be a place for you to share information, promote action and find support.
- Hospital Bed Tracker Project: DoIT in conjunction with MDH Hospital Surge Task Force, MEIMSS and MEMA has posted a dashboard displaying COVID-19 activities at hospitals statewide, including temporary facilities serving as hospitals. Tracking capabilities leveraging ArcGIS Survey123 are currently in development to track supplies and construction activities.
- Due to the nature of the event, GIO team is requesting to keep COVID data authoritative and run through the proper channels. If you are creating content related to COVID, please do not share it publicly. If there is data that you would like to share publicly, please coordinate with MDH/GIO/MEMA/GOV prior to.
- While teleworking continues, credentialed licenses may be used on personal computers. This includes AGOL and ArcGIS Pro, which both require sign-on to the AGOL platform for access. Violation of these restrictions is a violation of the licensing agreement between the State and ESRI. If you require licenses to support you while teleworking, please email service.desk@maryland.gov and a ticket will be created and addressed by the GIO team. Licenses are not free and require the authorization of a state employee manager before they will be provisioned. If you have any questions, please contact service.desk@maryland.gov and we will be sure to address your questions or concerns.

- Multiple individuals have reported issues connecting to the license manager when connected to the vpn. This may be related to latency. GIO team currently investigating.
- State Owned Property hosted AGOL layer has been created at request of MDOT. This is a secured layer shared with a specific group to allow for visualizations of the State Properties parcels. GIO is exploring different platforms which will pull data from various sources to analyze and display data and data relationships. In addition, as the data becomes available, machine learning capabilities will be developed to provide intelligent predictive capabilities.
- Maryland Power Outages web page enhancement:
MD DoIT uses a custom python process to gather data from BGE, Choptank, Delmarva, Easton Utilities, PEPCO, Potomac Edison, and SMECO. The data is gathered for both the County and ZIP code levels. The data is processed, aggregated, and written to MEMA databases. That data is consumed directly for the graphs and stats but is also used to make map services and is all served to the public at <https://mema.maryland.gov/Pages/Power-Outages-Data.aspx>

Subcommittee Updates

Training – Lisa Lowe

- Because of COVID-19, training classes have been cancelled. We are working on getting some material online by the end of June. It is uncertain whether we will be able to continue the training program next fiscal year.

Centerlines – Marshall Stevenson

- No Update

Composite Locator – Lisa Lowe

- The second quarter updates are currently underway. I hope to have the composite locator updated by the end of the month.

Imagery – Lisa Lowe

- We picked a few spots throughout the Western Shore for color sampling and sent them to Sanborn. Sanborn was behind on submitting the Ground Control Report to us but I do not foresee this affecting the final deliverable date.

Lidar – John Lesko

- Montgomery County (MNCPPC) edited DEMs have been delivered. ESRGC will be tasked with generating and posting the derivative products for IMAP.
Howard County lidar is in review and edits at the USGS.
Prince George's County (MNCPPC) lidar is in a "hold" due to the COVID-19 office/work restrictions.

MD Lower Eastern Shore 2020 lidar acquisition for Worcester, Somerset and Wicomico Counties. USGS QL2, tide coordinated, acquisition scheduled for leaf off fall 2020 with final deliverables by February 2022.

Action Items

- None identified

Additional Business

- TUGIS 2020 will be virtual. Dates in August to be determined.
- ESRI User Conference (July 13-15, 2020) will be virtual.

